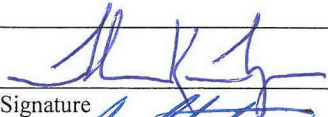
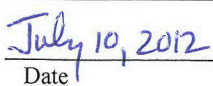

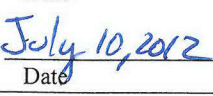


WASTE SITE RECLASSIFICATION FORM		
Date Submitted: <u>07-03-2012</u> Originator: <u>L. J. Cusack</u> Phone: <u>509-376-1595</u>	Operable Unit(s): <u>100-KR-2</u> Waste Site Code: <u>100-K-102</u> Type of Reclassification Action: Closed Out <input type="checkbox"/> Interim Closed Out <input checked="" type="checkbox"/> No Action <input type="checkbox"/> RCRA Postclosure <input type="checkbox"/> Rejected <input type="checkbox"/> Consolidated <input type="checkbox"/>	Control Number: <u>2012-025</u>
<p>This form documents agreement among parties listed authorizing classification of the subject unit as Closed Out, Interim Closed Out, No Action, RCRA Postclosure, Rejected, or Consolidated. This form also authorizes backfill of the waste management unit, if appropriate, for Closed Out and Interim Closed Out units. Final removal from the NPL of No Action and Closed Out waste management units will occur at a future date.</p>		
<p><u>Description of current waste site condition:</u> The 100-K-102 Waste Site consisted of two French drains surrounded by sulfuric acid stained soil adjacent to the 183.2-KW Flocculation and Sedimentation Basins near the abutments, as well as a partially exposed acid delivery piping (i.e., dosing pipes) system and associated man-holes. Sulfuric acid, along with sodium silicate and alum, was piped from the 183.1-KW Headhouse through the dosing pipes into the abutments to initiate flocculation of the raw river water as an initial step in the reactor cooling water treatment process. The sulfuric acid was contaminated with metals, including mercury with lesser amounts of barium, total chromium, lead and selenium. Disposal of excess acid into the French drains, as well as leakage and overspray from the dosing pipes, led to contamination of the surrounding soils.</p> <p>Between April 2010 and January 2012, the 100-K-102 Waste Site was remediated to remove the structure and associated contaminated soil. Field verification sampling began on July 5, 2011 and was completed on April 29, 2012, following the <i>100 Area Remedial Action Sampling and Analysis Plan</i>, DOE/RL-96-22, Rev. 5 (SAP), and the RA-00371, <i>Verification Sampling Instruction for the 100-K Area AA, Zone 1, Waste Sites 100-K-34, 1607-K3, 100-K-102, Structure Footprints for the 183.1-KW Headhouse and 183-KW Chlorine Vault, and Stockpile #11 (SI)</i>.</p> <p>The 100-K-102 Waste Site was removed as part of the remediation. Approximately 34,999 tons of debris and contaminated soil combined from remediation of the 100-K-34, 1607-K3 and 100-K-102 Waste Sites were disposed of in the ERDF as part of this remedial action.</p> <p><u>Basis for reclassification:</u></p> <p>The current site conditions achieve the remedial action objectives and the corresponding remedial action goals established in the Interim Action Record of Decision for the 100-BC-1, 100-BC-2, 100-DR-1, 100-DR-2, 100-FR-1, 100-FR-2, 100-HR-1, 100-HR-2, 100-KR-1, 100-KR-2, 100-IU-2, 100-IU-6, and 200-CW-3 Operable Units, Hanford Site, Benton County, Washington, EPA/ROD/R10-99/039 (100 Area Remaining Sites ROD) U.S. Environmental Protection Agency, Region 10, Seattle, Washington following the requirements of the Remedial Design Report/Remedial Action Work Plan for the 100 Area, DOE/RL-96-17, Rev. 6, U.S. Department of Energy, Richland, Washington, the SAP (DOE/RL-96-22) and the SI (RA-00371). Therefore, the current status of the waste site meets the remediation requirements of the 100 Area Remaining Sites ROD (EPA/ROD/R10-99/039) and supports reclassification of this site to Interim Closed Out. In accordance with DOE/RL-96-17, the removal and disposal of waste site 100-K-102 supports future land uses that can be represented (or bounded) by a rural-residential exposure scenario. The basis for reclassification is described in detail in the <i>Remaining Sites Verification Package for the 100-KR-2 Operable Unit Waste Sites: 100-K-34, 1607-K3, and 100-K-102</i>, DOE/RL-2012-28 (attached).</p> <p><u>Waste Site Controls:</u> Engineered Controls: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Institutional Controls: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> O&M requirements: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>		
T. K. Teynor DOE Federal Project Director (printed)	 Signature	 Date
R. A. Lobos EPA Project Manager (printed)	 Signature	 Date